

Remarks/Arguments:

Claims 1, 4, 7, 11, 15 and 20-25 are pending in the above-identified application. Claims 2-3, 5-6, 8-10, 12-14 and 16-19 have been cancelled.

Claims 1, 4, 7, and 11-25 were rejected under 35 U.S.C. § 112, second paragraph, as being indefinite. The rejection of claims 16-19 are moot due to the cancellation of these claims. Claims 1, 4, 7, and 11-15 and 20-25 have been amended to be more clear. Withdraw of the rejection is respectfully requested.

Claims 1, 4, 7, 11, 15-16, 18 and 20-25 were rejected under 35 U.S.C. § 103 (a) as being obvious in view of Jensen, Frelechoux et al. and Stracke. Claims 17 and 19 were rejected under 35 U.S.C. § 103 (a) as being obvious in view of Jensen, Frelechoux et al., Stracke and Kuo et al. The rejection of claims 16-19 is moot due to the cancellation of these claims. It is respectfully submitted that claims 1, 4, 7, 11, 15 and 20-25 are now patentable over the art of record for the reasons set forth below.

Claim 1 is amended to include features of claims 16-17 and to recite:

... wherein the virtual router information includes a priority of the first router device and a preference indicating whether a performance of the first router device is sufficient for operating as a master router device, and the mobile router device calculates its priority based on the priority of the first router device and the preference.
(Emphasis added)

Basis for these amendments may be found, for example, in the specification at page 14, line 23 to page 15, line 10.

The priority of the mobile router device in Applicants' exemplary embodiment is calculated based on both the priority of the first router and the preference (i.e. whether the performance of the first router is sufficient for operating as a master router).

The Office Action recites that paragraph [0008] of Jensen teaches "... wherein the information includes performance criteria indicating a level of data processing capability for the other data to operate as a master router." (Page 8, lines 12-15).

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Paragraph [0008] of Jensen, however, discloses that "... some communication paths in a network may carry information having a higher priority than other paths." That is, Jensen only discloses a priority of each network. Jensen does not disclose "... a priority of the first router device," as recited in claim 1. Further, Jensen does not disclose "... the mobile router device calculates its priority based on the priority of the first router device and the preference," as recited in claim 1.

The Office Action readily admits that Jensen, Frelechoux et al. and Stracke do not teach "... a priority of the second router device is calculated based on the performance capability of the first router device to operate as a master router." (Page 9, lines 8-11). The priority of the second router in Kuo et al., however, is calculated based on the quality of its outbound connection. (Col. 14, lines 38-40 and Fig. 10). That is, the priority of the second router is not calculated based on the preference of the first router. Further, the priority of the second router in Kuo is not based on the priority of the first router device and the preference," as recited in claim 1.

Thus, Applicants respectfully submit that claim 1 is allowable over the art of record. Claims 4, 20-21 and 24 depend from claim 1. Accordingly, claims 4, 20-21 and 24 are likewise allowable over the art of record.

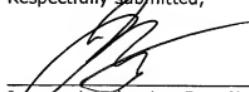
Claim 7, while not identical to claim 1, includes features similar to those set forth above with regard to claim 1. Thus, claim 7 is also allowable over the art of record for reasons similar to those set forth above with regard to claim 1. Claims 11, 15, 22-23 and 25 depend from claim 1. Accordingly, claims 11, 15, 22-23 and 25 are likewise allowable over the art of record.

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In view of the foregoing amendments and remarks, Applicants submit that this Application is in condition for allowance which action is respectfully requested.

Respectfully submitted,



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